

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

[CrossRef Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

You requested this document:

Key

IEEE JNL IEEE Journal or
MagazineIEEE JNL IEEE Journal or
MagazineIEEE
CONF IEEE Conference
ProceedingIEEE CONF IEEE Conference
ProceedingIEEE
STD IEEE Standard

1. An online credential repository for the Grid: MyProxy

Novotny, J.; Tuecke, S.; Welch, V.;

High Performance Distributed Computing, 2001. Proceedings. 10th IEEE International
7-9 Aug. 2001 Page(s):104 - 111

Abstract:

Grid portals, based on standard Web technologies, are increasingly used to provide us computational and data grids. However, such Grid portals do not integrate cleanly with security systems such as the Grid Security Infrastructure (GSI), due to lack of delegating Web security mechanisms. We solve this problem using an online credentials repository MyProxy. MyProxy allows Grid portals to use the GSI to interact with Grid resources in secure manner. We examine the requirements of Grid portals, give an overview of the demonstrate how MyProxy enables them to function together. The architecture and security MyProxy system are described in detail

[Abstract](#) | [Full Text: PDF\(576 KB\)](#) | [IEEE CONF](#)[Help](#) | [Contact Us](#) | [Privacy &](#)

© Copyright 2004 IEEE